

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-180643

(43)Date of publication of application : 06.07.1999

(51)Int.Cl.

B65H 55/04  
// D01F 6/70

(21)Application number : 09-364980

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(22)Date of filing : 18.12.1997

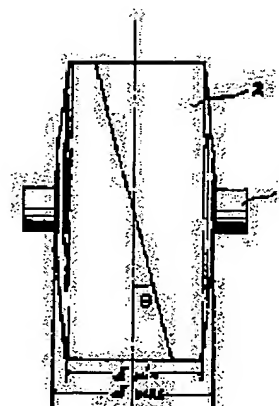
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## (54) METHOD FOR WINDING ELASTIC YARN WINDING BODY

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a method for efficiently winding an elastic yarn winding body, having good releasing performance, excellent in shape holding performance of the winding body, and having the large winding amount.

**SOLUTION:** In a method, a winding body is formed by winding an elastic yarn on a tube. The traverse angle  $\theta$  expressed by the expression of  $\theta = \tan^{-1} (V_t/V_w)$  using the speed  $V_t$  for winding the elastic yarn in a direction to be brought into peripheral-contact with the tube in the width direction and the speed  $V_w$  for winding the elastic yarn in the outer peripheral direction, and the winding stretch  $S$  expressed by the expression of  $S_w = V_w/V_f$  using the speed  $V_f$  for supplying the elastic yarn to the tube and the speed  $V_w$  are changed by applying the approximately S-shaped curved distribution from the winding start to the winding finish.



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